

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 09/937, 182  
Source: IFW0  
Date Processed by STIC: 02/16/2006

# ***ENTERED***



IFWO

## RAW SEQUENCE LISTING

DATE: 02/16/2006

PATENT APPLICATION: US/09/937,182

TIME: 15:14:10

Input Set : A:\0380-P02669US0 Seq listing.txt

Output Set: N:\CRF4\02162006\I937182.raw

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4 <110> APPLICANT: Pelicci, Pier Guiseppe
5      Giorgio, Marco
6      Migliaccio, Enrica
7      Lanfranccone, Luisa
9 <120> TITLE OF INVENTION: Materials and Methods Relating to
10     Modulation of p66 Expression
13 <130> FILE REFERENCE: 0380-P02669US0
15 <140> CURRENT APPLICATION NUMBER: US 09/937,182
C--> 16 <141> CURRENT FILING DATE: 2001-09-21
18 <150> PRIOR APPLICATION NUMBER: PCT/GB00/01079
19 <151> PRIOR FILING DATE: 2000-03-22
21 <150> PRIOR APPLICATION NUMBER: GB 9906515.3
22 <151> PRIOR FILING DATE: 1999-03-22
24 <160> NUMBER OF SEQ ID NOS: 2
26 <170> SOFTWARE: FastSEQ for Windows Version 4.0
28 <210> SEQ ID NO: 1
29 <211> LENGTH: 3664
30 <212> TYPE: DNA
31 <213> ORGANISM: Artificial Sequence
33 <220> FEATURE:
34 <223> OTHER INFORMATION: Synthetic Sequence
36 <400> SEQUENCE: 1
37 atggggcctg aaactgtctg ggtctgagct ggggagcggg agccacttgt ccctctccct 60
38 ccccaggact tctgtgactc ctgggccaca gaggtccaac cagggttaagg gcctggggat 120
39 accccctgcc tggccccctt gcccaaactg gcaggggggc caggctgggc agcagcccct 180
40 ctttcacctc aactatggat ctctgcccc ccaagcccaa gtacaatcca ctccggaatg 240
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48 tgggacccgg ggtttcctac ttggttcggg acatgggttg tgtggagggtc ctccagtcaa 720
49 tgcgtgccct ggacttcaac acccgactc aggtcaccag ggaggccatc agtctggtgt 780
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56 tcaggaaccc acccaaactg gtcacccctc atgacaggat ggctggcttt gatggctcag 1200
57 catgggatga ggaggaggaa gagccacctg accatcagta ctataatgac ttcccgggga 1260

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58 aggaaccccc cttggggggg gtggtagaca tgaggcttcg ggaaggagcc gctccagggg 1320
59 ctgctcgacc cactgcaccc aatgcccaga ccccccagcca cttgggagct acattgcctg 1380
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61 gtccaggcag agagcttttt gatgatccct cctatgtcaa cgtccagaac ctagacaagg 1500
62 cccggcaagc agtgggtggt gctgggcccc ccaatcctgc tatcaatggc agtgcacccc 1560
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65 gggaggctga ggcactgctg cagctcaatg gggacttctt ggtacgggag agcacgacca 1740
66 cacctggcca gtatgtgctc actggcttgc agagtgggca gcctaagcat ttgctactgg 1800
67 tggaccctga ggggtgtggt cggactaagg atcaccgctt tgaaagtgtc agtcacctta 1860
68 tcagctacca catggacaat cacttgccca tcatctctgc gggcagcgaa ctgtgtctac 1920
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70 caatcctttc caccctattc cctaactctc gggacctcgt ttgggagtgt tctgtgggct 2040
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87 caaaatgata atcaattatt acattttatac atcacctttt tgacttttcc aagccctttt 3060
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91 cgcaaaacct gcagttcctg agtaccttct acaggcccg gcccagcctag gccgggggtg 3300
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93 gttttcatcc tggcctcctt ttgctgtttg gatgtttcca cgggtctcac ttataccaaa 3420
94 gggaaaactc ttcattaaag tccgtatttc ttctaaaaaa aaaaaaaaaa aaatacattt 3480
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96 ggctgtgag gtaactggga tcgcacctt tataccagag acctgaggca gatgaaattt 3600
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98 agcc

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100 &lt;210&gt; SEQ ID NO: 2

101 &lt;211&gt; LENGTH: 583

102 &lt;212&gt; TYPE: PRT

103 &lt;213&gt; ORGANISM: Artificial Sequence

105 &lt;220&gt; FEATURE:

106 &lt;223&gt; OTHER INFORMATION: Synthetic Sequence

108 &lt;400&gt; SEQUENCE: 2

109 Met Asp Leu Leu Pro Pro Lys Pro Lys Tyr Asn Pro Leu Arg Asn Glu

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110 1          5          10          15
111 Ser Leu Ser Ser Leu Glu Glu Gly Ala Ser Gly Ser Thr Pro Pro Glu
112          20          25          30
113 Glu Leu Pro Ser Pro Ser Ala Ser Ser Leu Gly Pro Ile Leu Pro Pro
114          35          40          45
115 Leu Pro Gly Asp Asp Ser Pro Thr Thr Leu Cys Ser Phe Phe Pro Arg
116          50          55          60
117 Met Ser Asn Leu Arg Leu Ala Asn Pro Ala Gly Gly Arg Pro Gly Ser
118 65          70          75          80
119 Lys Gly Glu Pro Gly Arg Ala Ala Asp Asp Gly Glu Gly Ile Asp Gly
120          85          90          95
121 Ala Ala Met Pro Glu Ser Gly Pro Leu Pro Leu Leu Gln Asp Met Asn
122          100          105          110
123 Lys Leu Ser Gly Gly Gly Gly Arg Arg Thr Arg Val Glu Gly Gly Gln
124          115          120          125
125 Leu Gly Gly Glu Glu Trp Thr Arg His Gly Ser Phe Val Asn Lys Pro
126          130          135          140
127 Thr Arg Gly Trp Leu His Pro Asn Asp Lys Val Met Gly Pro Gly Val
128 145          150          155          160
129 Ser Tyr Leu Val Arg Tyr Met Gly Cys Val Glu Val Leu Gln Ser Met
130          165          170          175
131 Arg Ala Leu Asp Phe Asn Thr Arg Thr Gln Val Thr Arg Glu Ala Ile
132          180          185          190
133 Ser Leu Val Cys Glu Ala Val Pro Gly Ala Lys Gly Ala Thr Arg Arg
134          195          200          205
135 Arg Lys Pro Cys Ser Arg Pro Leu Ser Ser Ile Leu Gly Arg Ser Asn
136          210          215          220
137 Leu Lys Phe Ala Gly Met Pro Ile Thr Leu Thr Val Ser Thr Ser Ser
138 225          230          235          240
139 Leu Asn Leu Met Ala Ala Asp Cys Lys Gln Ile Ile Ala Asn His His
140          245          250          255
141 Met Gln Ser Ile Ser Phe Ala Ser Gly Asp Pro Asp Thr Ala Glu
142          260          265          270
143 Tyr Val Ala Tyr Val Ala Lys Asp Pro Val Asn Gln Arg Ala Cys His
144          275          280          285
145 Ile Leu Glu Cys Pro Glu Gly Leu Ala Gln Asp Val Ile Ser Thr Ile
146          290          295          300
147 Gly Gln Ala Phe Glu Leu Arg Phe Lys Gln Tyr Leu Arg Asn Pro Pro
148 305          310          315          320
149 Lys Leu Val Thr Pro His Asp Arg Met Ala Gly Phe Asp Gly Ser Ala
150          325          330          335
151 Trp Asp Glu Glu Glu Glu Glu Pro Pro Asp His Gln Tyr Tyr Asn Asp
152          340          345          350
153 Phe Pro Gly Lys Glu Pro Pro Leu Gly Gly Val Val Asp Met Arg Leu
154          355          360          365
155 Arg Glu Gly Ala Ala Pro Gly Ala Ala Arg Pro Thr Ala Pro Asn Ala
156          370          375          380
157 Gln Thr Pro Ser His Leu Gly Ala Thr Leu Pro Val Gly Gln Pro Val
158 385          390          395          400

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159 Gly Gly Asp Pro Glu Val Arg Lys Gln Met Pro Pro Pro Pro Pro Cys
160                               405                               410                               415
161 Pro Gly Arg Glu Leu Phe Asp Asp Pro Ser Tyr Val Asn Val Gln Asn
162                               420                               425                               430
163 Leu Asp Lys Ala Arg Gln Ala Val Gly Gly Ala Gly Pro Pro Asn Pro
164                               435                               440                               445
165 Ala Ile Asn Gly Ser Ala Pro Arg Asp Leu Phe Asp Met Lys Pro Phe
166                               450                               455                               460
167 Glu Asp Ala Leu Arg Val Pro Pro Pro Pro Gln Ser Val Ser Met Ala
168 465                               470                               475                               480
169 Glu Gln Leu Arg Gly Glu Pro Trp Phe His Gly Lys Leu Ser Arg Arg
170                               485                               490                               495
171 Glu Ala Glu Ala Leu Leu Gln Leu Asn Gly Asp Phe Leu Val Arg Glu
172                               500                               505                               510
173 Ser Thr Thr Thr Pro Gly Gln Tyr Val Leu Thr Gly Leu Gln Ser Gly
174                               515                               520                               525
175 Gln Pro Lys His Leu Leu Leu Val Asp Pro Glu Gly Val Val Arg Thr
176                               530                               535                               540
177 Lys Asp His Arg Phe Glu Ser Val Ser His Leu Ile Ser Tyr His Met
178 545                               550                               555                               560
179 Asp Asn His Leu Pro Ile Ile Ser Ala Gly Ser Glu Leu Cys Leu Gln
180                               565                               570                               575
181 Gln Pro Val Glu Arg Lys Leu
182                               580

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**VERIFICATION SUMMARY**

DATE: 02/16/2006

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TIME: 15:14:11

Input Set : A:\0380-P02669US0 Seq listing.txt

Output Set: N:\CRF4\02162006\I937182.raw

L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date